

TITLE 'ASM COMMON DATA AREA'

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DIGITAL RESEARCH
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COMMON DATA FOR CP/M ASSEMBLER MODULE

```

0100          ORG      100H
20F0 =      ENDA     EQU      20F0H      ;END OF ASSEMBLER PROGRAM
000F =      BDOS     EQU      5H        ;ENTRY TO DOS, USED TO COMPUTE END MEMORY
0100 310002          LXI      SP,ENDMOD
0103 2A0600          LHLD     BDOS+1
0106 22CD01          SHLD     SYMAX      ;COMPUTE END OF MEMORY
0109 C30002          JMP      ENDMOD
010C 20434F5059COPY: DB      ' COPYRIGHT(C) 1978, DIGITAL RESEARCH '
010C          ORG      COPY

```

PRINT BUFFER AND PRINT BUFFER POINTER

```

0078 =          PBMAX    EQU      120      ;MAX PRINT BUFFER
010C          PBUFF:    DS          PBMAX
0184          PBP:      DS          1       :PRINT BUFFER POINTER

```

SCANNER PARAMETERS

0185	TOKEN:	DS	1	;CURRENT TOKEN
0186	VALUE:	DS	2	;BINARY VALUE FOR NUMBERS
0188	ACCLLEN:	DS	1	;ACCUMULATOR LENGTH
0040 =	ACMAX	EQU	64	;LENGTH OF ACCUMULATOR
0189	ACCUM:	DS	ACMAX	;ACCUMULATOR (MUST FOLLLOW ACCLLEN)

OPERAND EXPRESSION EVALUATOR PARAMETERS

01C9	EVALUE: DS	2	:VALUE OF EXPRESSION AFTER EVALUATION
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SYMBOL TABLE MODULE PARAMETERS

```
01CB F020      SYTOP:  DW      ENDA      ;FIRST LOCATION AVAILABLE FOR SYMBOL TABLE
01CD          SYMAX:  DS        2        ;LAST AVAILABLE LOCATION FOR SYMBOL TABLE
```

MISCELLANEOUS DATA AREAS

```

01CF          PASS:   DS          1          ;PASS # 0,1
01D0          FPC:    DS          2          ;FILL ADDRESS FOR NEXT HEX RECORD
01D2          ASPC:   DS          2          ;ASSEMBLER'S PSEUDO PC
01D4 F020     SYBAS:  DW          ENDA       ;SYMBOL TABLE BASE
01D6          SYADR:  DS          2          ;CURRENT SYMBOL BASE
0200 =        ENDMOD EQU        ($ AND OFF00H)+100H
01D8          END

```

CP/m v. 2.2

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SERIAL # L-756

0188 ACCLN
010C COPY
01CF PASS
01D4 SYBAS

0189 ACCUM
20F0 ENDA
0078 PBMAX
01CD SYMAX

0040 ACMAX
0200 ENDMOD
0184 PBP
01CB SYTOP

01D2 ASPC
01C9 EVALUE
010C PBUFF
0185 TOKEN

0005 BDOS
01D0 FPC
01D6 SYADR
0186 VALUE

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SERIAL # _____